

Course Description Sheet

COURSE TITLE

Hazard Communication

COURSE DURATION

1 Hour

OVERVIEW

Exposure to hazardous chemicals can present numerous dangers to workers. More than 30 million workers are exposed to one or more chemical hazards across various industrial sectors. Hundreds of new hazardous chemicals are being introduced annually, in addition to the approximately 389,000 chemical substances tracked by the Chemical Abstract Services database (2019). Knowing that chemical products may cause harm, the risk is increasing every year. OSHA's Hazard Communication Standard is designed to ensure that the information about these dangers is shared with those who need to know. This course covers OSHA's Hazard Communication Standard with an emphasis on what it is and how to comply. It also provides guidelines to help prevent chemical hazard incidents, and the adverse health effects that may result.

PREREQUISITES

No prior knowledge is required.

BEHAVIORAL OBJECTIVES

After successfully completing this course, you will be able to:

- Describe the basics of the Hazard Communication Standard
- Explain how a substance or mixture is classified as a hazard using physical and health hazard criteria
- Identify ways to assess, analyze, and minimize workplace risks from hazardous chemicals
- Identify employer responsibilities for providing employee access to safety data sheets
- Explain container labeling requirements, including requirements for secondary container labeling and alternative labeling methods
- Describe the information and training employers must provide to their employees regarding chemical hazards

COURSE OUTLINE

Chapter	Minutes
Introduction	8
Classifying Chemical Hazards	21
Assess, Analyze, and Minimize Workplace Risk	8
Safety Data Sheets	5
Container Labeling Requirements	6
Information and Training Requirements	5
Conclusion	1
Summary	1
Course Total	55

+ Knowledge Checks (10% Course Total)	5
+ Supporting Documents (word count/145)	
= Grand Total	60

AVAILABILITY

This course is offered online and is available 24 hours a day, 7 days a week, 365 days a year.

TRAINING METHODOLOGY & EVALUATION

This course is self-paced online training. Review exercises reinforce the content, and students are evaluated with a multiple-choice exam. Upon completion, students are prompted to submit a course evaluation.

REFERENCES

A Guide to the Globally Harmonized System of Classification and Labeling of Chemicals (GHS)." United States Department of Labor: Occupational Safety & Health Administration. <http://www.osha.gov/dsg/hazcom/ghs.html#1.6>.

FAQ Sheet - OSHA Revised Hazard Communication Standard (HCS) (29 CFR 1910.1200, March 26, 2012)." PrimaTech. 2012. http://www.primatech.com/docs/FAQ_SHEET-OSHA_REVISSED_HCS.pdf.

OSHA Brief — Hazard Communication Standard: Labels and Pictograms." United States Department of Labor: Occupational Safety & Health Administration. March 2013. www.osha.gov/Publications/OSHA3636.pdf.

OSHA Hazard Communication Standard: OSHA 29 CFR 1910.1200. http://www.osha.gov/pls/oshaweb/owadisp.show_document?p_table=standards&p_id=10099

Side-by-Side Comparison of OSHA's Existing Hazard Communication Standard (HCS 1994)." United States Department of Labor: Occupational Safety & Health Administration. <https://www.osha.gov/hazcom/side-by-side>.

How to Comply with Federal Hazardous Materials Regulations." FMCSA, 18 July 2022, [materials-regulations](https://www.fmcsa.dot.gov/hazmat-regulations).

Emergency Planning and Community Right-to-Know Act (EPCRA)." EPA, Environmental Protection Agency, 2 Sept. 2022, <https://www.epa.gov/epcra>.

Workers' Rights - Occupational Safety and Health Administration." Occupational Safety and Health Administration, 2019, <https://www.osha.gov/sites/default/files/publications/osha3021.pdf>.